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DIALOG(R)File 351:DERWENT WPI  
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009984027

WPI Acc No: 94-251738/199431

XRAM Acc No: C94-114410

XRPX Acc No: N94-198855

Novel mat for preventing wash-away of contact lenses, etc. - obtd. by  
moulding resin(s), contg. support holding antibacterial metal(s),  
preventing microorganism contamination

Patent Assignee: SEIKO EPSON CORP (SHIH )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Main IPC Week

→ JP 6181970 A 19940705 JP 92334595 A 19921215 A61L-002/16 199431 B

Priority Applications (No Type Date): JP 92334595 A 19921215

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

JP 6181970 A 5

Abstract (Basic): JP 6181970 A

New mat for preventing washing-away of wear articles, e.g. contact lenses is formed by moulding a resin(s) contg. a support holding an antibacterial metal(s).

Also claimed is a mat coated with a resin contg. a support holding an antibacterial metal(s).

Pref. the amt. of the support is 0.01-15 wt.%, relative to the wt. of the resin. Pref. the mats contain 0-10 wt.% of titanium, zinc and/or cpd(s). as a light resistance improver.

Also claimed is a mat formed by moulding a resin contg. an antibacterial ingredient(s) or a support contg. an antibacterial ingredient(s).

Also claimed is a mat coated with an antibacterial ingredient(s) or a support contg. an antibacterial ingredient(s).

Pref. the ratio of the antibacterial ingredient or support contg. an antibacterial ingredient is 0.1-20 wt.%, relative to the wt. of the resin.

The antibacterial metal is pref. one or a mixt. of silver, copper, zinc, gold and cpds.. The antibacterial ingredients is pref. one or a mixt. of antibacterial cationic surfactants, sulphites, benzoic esters, antibacterial amphoteric surfactants, antibiotics, chlorohexidine

gluconate, sorbic acid, chitosan and hinokitiol.

USE/ADVANTAGE - The mats prevent contamination of surfaces by microorganisms and unintended contamination of articles, e.g. contact lenses.

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Title Terms: NOVEL; MAT; PREVENT; WASHING; CONTACT ; LENS ; OBTAIN; MOULD ; RESIN; CONTAIN; SUPPORT; HOLD; ANTIBACTERIAL; METAL; PREVENT; MICROORGANISM; CONTAMINATE

Derwent Class: A96; D22; P34

International Patent Class (Main): A61L-002/16

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A08-M07; A11-B01; A12-V03C1; D09-C01A

Polymer Indexing (PS):

<01>

\*001\* 017; P0000

\*002\* 017; ND01; Q9999 Q8297 Q8286 Q8264

\*003\* 017; Ti 4B Tr Zn 2B; A999 A544 A486

\*004\* 017; Cu 1B Tr Ag Au Zn 2B; A999 A055 A044

Derwent Registry Numbers: 0095-U; 0903-U

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009950145

WPI Acc No: 94-217858/199426

XRAM Acc No: C94-099167

XRPX Acc No: N94-172008

Reducing formation and inhibiting the uptake of protein deposits on contact lens - by contacting the lens with chemical agent selected from protamines, polyarginine, polylysine, chitosan and/or their salts or derivs.

Patent Assignee: ALLERGAN INC (ALLR )

Inventor: CURRIE J P; KARAGEOZIAN H; POWELL C H

Number of Countries: 002 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
→ WO 9413774	A1	19940623	WO 93US11732	A	19931203	C11D-003/22	199426 B
AU 9456850	A	19940704	AU 9456850	A	19931203	C11D-003/22	199437
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JP 8504346	W	19960514	WO 93US11732	A	19931203	A61L-002/18	199646
			JP 94514265	A	19931203		

Priority Applications (No Type Date): US 92986959 A 19921209